Ritter®

Installation & Operation Instructions

159 Exam Lamp (Mobile, Wall Mount, and Cabinet Mount Versions)

Assembly of 159 Mobile Exam Lamp:

NOTE
The Model 159 Exam Lamp is available in three different configurations:
Model **159-001** contains a five leg caster base (not shown).
Model **159-002** contains a base with glides (see Figure 1).
Model **159-003** is a wall / cabinet mount unit (see Figure 2).

(1) Remove light assembly and bulb from shipping container.

CAUTION
Use only a 12 volt, 50 watt bulb (part number 015-0922-00) designated for the Model 159 light as indicated on the label under the light hood. Failure to do so may result in over-heating and equipment failure.

(2) Rotate the hood (1, Figure 1) of the light forward and install the bulb (2) by sliding it into the bulb bracket. Do not smudge the front glass cover of the bulb during installation.

(3) Rotate the hood (1) back until it locks in place in the normal operating position.

Installation of 159 Wall Mount Exam Lamp:

(1) Insure that the unit's plug is not connected to an electrical receptacle.

(2) Remove four screws (1, Figure 2), washers (2), and the wall mount cover (3) from wall mount bracket (4).

NOTE
Insure that a 115 volt, alternating current (VAC), grounded, electrical outlet is available and within reach of the lamp's power cord before mounting the exam lamp.

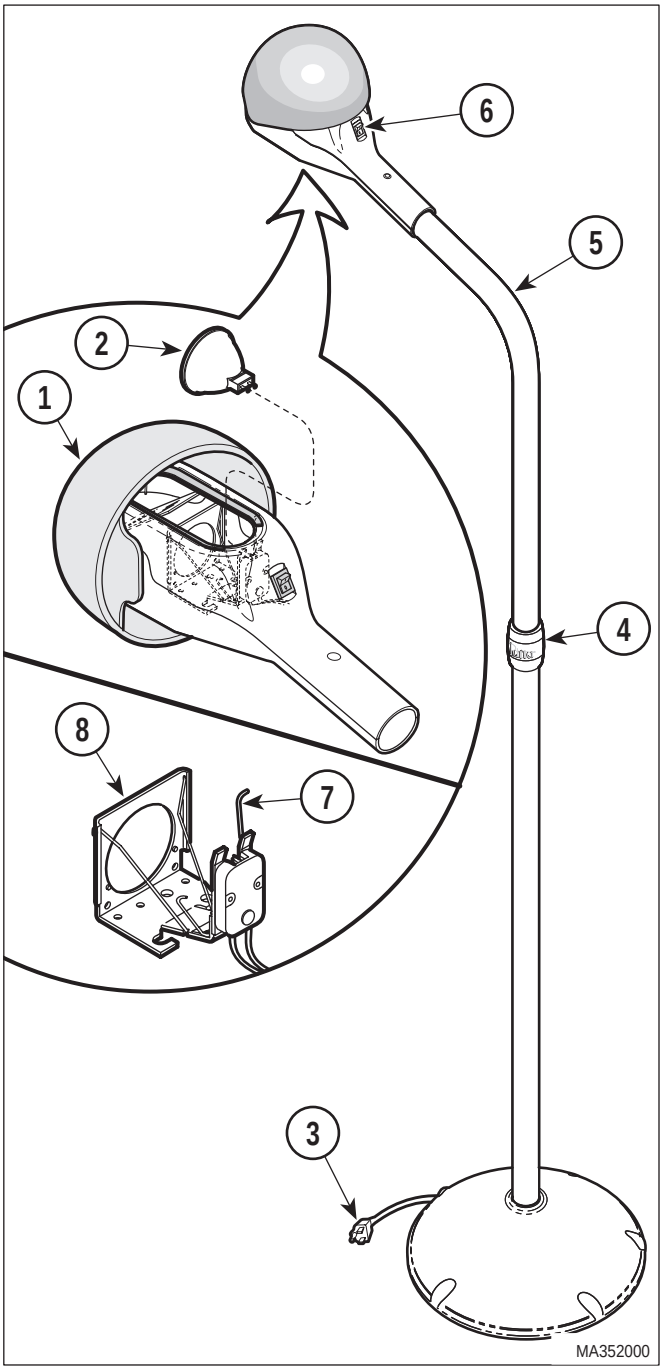

FIGURE 1

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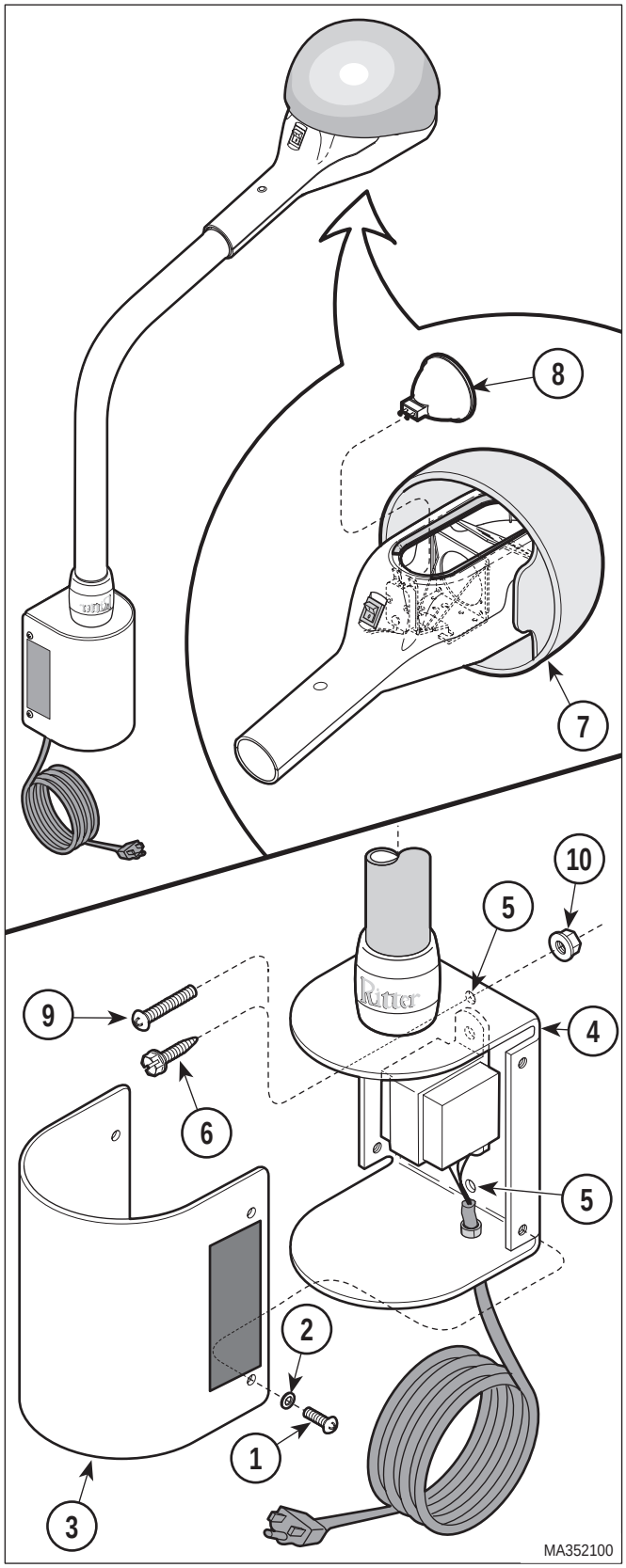

FIGURE 2

EQUIPMENT ALERT

The lamp's mounting bracket must be located to insure the mounting screws engage a wood or metal stud. Insure that the top surface of the mounting bracket (4) is **level** when installing. Allow adequate clearance to insure the light can swing from side to side and up and down without hitting any obstacles.

(3) Using the wall mount bracket (4) as a template, place location marks on the wall for the two mounting holes (5).

CAUTION

Use care when installing the mounting screws so that the electrical wires in the mounting bracket are not damaged.

(4) Secure the mounting bracket to the wall with the two 1/4 inch x 1 1/2 inch metal screws (6).

(5) Install the wall mount cover (3) with the four screws (1) and washers (2).

CAUTION

Use only a 12 volt, 50 watt bulb (part number 015-0922-00) designated for the Model 159 light as indicated on the label under the light hood. Failure to do so may result in over-heating and equipment failure.

(6) Rotate the hood (7) of the light forward and install the bulb (8) by sliding it into the bulb bracket. Do not smudge the front glass cover of the bulb during installation.

(7) Rotate the hood (7) back until it locks in place in the normal operating position.

Installation of 159 Cabinet Mount Exam Lamp:

(1) Insure that the unit's plug is not connected to an electrical receptacle.

(2) Remove the four screws (1, Figure 2), washers (2), and wall mount cover (3) from the wall mount bracket (4).

NOTE

Insure that a 115 VAC, grounded, electrical outlet is available and within reach of the lamp's power cord before mounting the exam lamp.

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EQUIPMENT ALERT
Insure that the top surface of the mounting bracket (4) is **level** when installing. Allow adequate clearance to insure the light can swing from side to side and up and down without hitting any obstacles.

(3) Using the wall mount bracket (4) as a template, place location marks on the cabinet for the two mounting holes (5).

(4) Drill two 17/64 inch clearance holes for the mounting screws.

CAUTION
Use care when installing the mounting screws so that the electrical wires in the mounting bracket are not damaged.

(5) Secure the mounting bracket to the cabinet with the two 1/4 inch - 20 x 1 inch pan head screws (9) and 1/4 inch - 20 whiz lock nuts (10).

(6) Install the wall mount cover (3) with the four screws (1) and washers (2).

CAUTION
Use only a 12 volt, 50 watt bulb (part number 015-0922-00) designated for the Model 159 light as indicated on the label under the light hood. Failure to do so may result in over-heating and equipment failure.

(7) Rotate the hood (7) of the light forward and install the bulb (8) by sliding it into the bulb bracket. Do not smudge the front glass cover of the bulb during installation.

(8) Rotate the hood (7) back until it locks in place in the normal operating position.

Operation of 159 Exam Lamp:

DANGER
Risk of explosion if used in the presence of flammable anesthetics or an oxygen-enriched atmosphere.

(1) Connect the three-pronged, grounded plug (3, Figure 1) on the lamp's power cord into a matching three-pronged, grounded, 115 VAC receptacle.

CAUTION
Lamp head will become hot. Use care when positioning lamp head to prevent burns to hands.

EQUIPMENT ALERT
Do not bend the neck of the lamp too sharply in one place and do not bend the neck of the lamp within 4 inches (10.1 cm) of the coupling (4).

(2) To adjust the position of the lamp, simply bend the neck (5) of the lamp to achieve the desired position.

(3) Use the ON / OFF switch (6) to turn the lamp ON and OFF.

Light Bulb Replacement on the 159 Exam Lamp:

(1) Turn the ON / OFF switch (6, Figure 1) to OFF.

CAUTION
The light bulb and areas of the light head will be very hot if the exam light was in use. Allow the bulb and associated parts to cool before handling. Failure to do so could result in burns to the hands.

(2) Rotate the hood (1) of the light forward to gain access to the bulb (2).

(3) Pull up on the lever (7) in the lamp mounting bracket (8) to disengage the malfunctioning bulb (2) from the bulb socket.

CAUTION
Use only a 12 volt, 50 watt bulb (part number 015-0922-00) designated for the Model 159 light as indicated on the label under the light hood. Failure to do so may result in over-heating and equipment failure.

(4) Install the new bulb (2) using care not to smudge the front glass cover during installation.

(5) Rotate the hood (1) back until it locks in place in the normal operating position.

(6) Turn ON the ON / OFF switch and check operation.

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Cleaning of the 159 Exam Lamp:

DANGER
Unplug the power cord from the wall receptacle and allow the light to cool before attempting to clean the unit. Failure to do so could result in electrical shock and / or personal injury.

(1) Turn the ON / OFF switch (6, Figure 1) to the OFF position, unplug the light's power cord and allow the light to cool before cleaning.

(2) Clean **external** surfaces **only** using a mild soap solution and a soft cloth to prevent scratching the surfaces. Insure the cloth is not saturated with the soap and water solution but just damp.

(3) Dry thoroughly with a soft cloth before plugging the unit back into an electrical outlet.

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